

Appl. No. 10/527,255  
 Request for Corrected Filing Receipt dated 12-05-2005  
 Attorney Docket No. 1217-050599

Page 1 of 10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/527,255 Confirmation No. 2832  
 Applicants : Takayuki TAKAHATA et al.  
 Filed : March 9, 2005  
 Title : Urea Concentration Identifying System, Method for  
 Identifying Urea Concentration and Automobile Exhaust  
 Gas Reducing System Using Same, and Method for  
 Reducing Automobile Exhaust Gas  
 Group Art Unit : 2856  
 Examiner :  
 Customer No. : 28289

FACSIMILE NO. 703-305-9822  
 Office of Initial Patent Examination's  
 Filing Receipt Corrections  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Attached is a marked-up copy of the official Filing Receipt for the above-identified patent application for which a Corrected Filing Receipt is hereby requested. There are two errors in the Filing Receipt.

(1) An Assignment was filed with the application but the Assignee information is missing from the Filing Receipt and should read as follows:

**MITSUI MINING & SMELTING CO., LTD.**

A copy of the Assignment is enclosed for verification.

(2) The Declaration and Power of Attorney on page 2 directed correspondence to be sent to Kent E. Baldauf, Sr. The Filing Receipt indicates Kent E. Baldauf, Jr.

A copy of the Declaration and Power of Attorney is enclosed for verification.

<b><u>FACSIMILE TRANSMISSION</u></b>	
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on the date set forth below.	
Diane Pauli (Name of Person Mailing Paper)	
<i>Diane Pauli</i> Signature	12/05/2005 Date

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Appl. No. 10/527,255  
Request for Corrected Filing Receipt dated 12-05-2005  
Attorney Docket No. 1217-050599

Applicants respectfully request a corrected Filing Receipt.

Respectfully submitted,

THE WEBB LAW FIRM

By



Kent E. Baldauf

Registration No. 25,826

Attorney for Applicants

700 Koppers Building

436 Seventh Avenue

Pittsburgh, PA 15219-1845

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/527,255	03/09/2005	2856	1900	1217-050599	13	40	2

CONFIRMATION NO. 2832

## FILING RECEIPT



Kent E Baldauf  
Webb Ziesenheim Logsdon Orkin & Hanson  
436 Seventh Avenue  
700 Koppers Building  
Pittsburgh, PA 15219-1818

Date Mailed: 09/28/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Takayuki Takahata, Ageo-shi, JAPAN;  
Toshiaki Kawanishi, Ageo-shi, JAPAN;  
Kiyoshi Yamagishi, Ageo-shi, JAPAN;

--Assignee:

Matsui Mining &amp; Smelting Co., Ltd. --

## Power of Attorney:

[Kent Baldauf Jr-36082] --Kent E. Baldauf, Sr. - 25,826 --

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/11568 09/10/2003

## Foreign Applications

JAPAN 2002-264603 09/10/2002

Projected Publication Date: 12/29/2005

Non-Publication Request: No

Early Publication Request: No

Title

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SEP 30 2005

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Urea concentration identifying system, method for indentifying urea concentration and automobile exhaust gas reducing system using same, and method for reducing automobile exhaust gas

Preliminary Class

073

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

### GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof

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The dating stamp of the Patent Office on this card will be taken as an indication that the accompanying paper was filed.

Applicants Takayuki TAKAHATA et al.

Title "Urea Concentration Identifying System, Method For Identifying..."

Pgs. of: Spec. 24 Claims 6 Abstract 1 Sheets of Drawings 13

Declaration Yes Small Entity Yes ☐ No ☒

→ Assignment Recordation Form Cover Sheet and Assignment Yes

Transmittal Letter for 371 filing (in trip.) Yes Letter Recognizing Attorneys No

Preliminary Amendment Yes

WO Front Page (2 pp.) International Search Report (2 pp.)

Amount of Check \$1940.00

10/527255

Express Mail No. EL971228855US

Atty's File No. 1217-050599

Initials KEB:kat

DT03 Rec'd PBT/PTO 09 MAR 2005

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
Takayuki TAKAHATA, Toshiaki KAWANISHI and Kiyoshi YAMAGISHI

Execution Date(s) July 16, 2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: mitsui mining & smelting co., ltd.

Internal Address: \_\_\_\_\_

Street Address: 11-1, Osaki 1-chome,

Shinagawa-ku

City: Tokyo

State: \_\_\_\_\_

Country: Japan Zip: 141-8584

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kent E. Baldauf

Internal Address: Webb Ziesenheim Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh

State: PA Zip: 15219-1818

Phone Number: 412-471-8815

Fax Number: 412-471-4094

Email Address: webblaw@webblaw.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

March 9, 2005

Date

Kent E. Baldauf, Jr., Reg. No. 36,082

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**COPY**

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**ASSIGNMENT**

1) TAKAHATA, Takayuki, 2) KAWANISHI, Toshiaki and  
 3) YAMAGISHI, Kiyoshi  
**WHEREAS WE** 1)-3) c/o MITSUI MINING & SMELTING CO., LTD., CORPORATE R&D CENTER,  
 residing in. 1333-2, Haraichi, Ageo-shi, Saitama 362-0021, Japan  
 respectively, have invented certain new and useful improvements in the invention entitled  
**APPARATUS AND METHOD FOR IDENTIFYING CONCENTRATION OF UREA AND APPARATUS for**  
**AND METHOD FOR REDUCING EXHAUST GAS OF CAR USING THE SAME**  
 which a patent application was filed in the United States Patent and Trademark Office on  
 and bears Serial No.

**AND,** MITSUI MINING & SMELTING CO., LTD., a corporation  
 of Japan, having a place of business at 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584, Japan  
 hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and  
 to said application and the inventions and improvements therein disclosed.

**NOW, THEREFORE,** for good and valuable consideration paid to us by said  
 assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and  
 set over unto said assignee the entire right, title and interest in and to said application and the  
 inventions and improvements therein disclosed for the United States and all foreign countries and  
 any Letters Patent which may issue therefor in the United States and all foreign countries and all  
 divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said  
 assignee to have and to hold the interests herein assigned to the full ends of the terms of said  
 Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals,  
 and/or extensions thereof, respectively, as fully and entirely as the same would have been held  
 and enjoyed by us had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in  
 accordance herewith. We covenant that we are the lawful owners of the said application,  
 inventions, and improvements, that the same are unencumbered, that no license has been granted  
 to make, use, or vend the said inventions or improvements or any of them, and that we have the  
 full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will  
 communicate to said assignee or the representatives thereof any facts known to us respecting said  
 inventions and improvements, and will, upon request, but without expense to us, testify in any  
 legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation,  
 continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and  
 generally do all other and further lawful acts, deemed necessary or expedient by said assignee or  
 by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits  
 from the rights and interests herein assigned. This assignment shall be binding upon our heirs,  
 executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors,  
 administrators, successors, and/or assigns, as the case may be, of said assignee.

Date July 16, 2004

Inventor

Takayuki TakahataDate July 16, 2004

Inventor

Toshiaki KawanishiDate July 16, 2004

Inventor

Kiyoshi Yamagishi**COPY**

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Page 1

## Declaration and Power of Attorney for Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled APPARATUS AND METHOD FOR IDENTIFYING CONCENTRATION OF UREA AND APPARATUS AND METHOD FOR REDUCING EXHAUST GAS OF CAR USING THE SAME  
The specification of which

- ☐ is attached hereto.
- ☐ was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)
- ☒ was filed as PCT international application  
No. PCT/JP03/11568 on 10 September, 2003  
and was amended under PCT Article 19 on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>2002-264603</u> (Number)	<u>Japan</u> (Country)	<u>10 September, 2002</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:



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(Application Serial No.)

(Filing Date)

(Status)  
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)  
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Kent E. Baldauf, Sr.	25,826	Russell D. Orkin	25,363	Richard L. Byrne	28,498
Barbara E. Johnson	31,198	Julie W. Meder	36,216	Kent E. Baldauf, Jr.	36,082
Kirk M. Miles	37,891	Christian E. Schuster	43,908	Nathan J. Prepelka	43,016
Gary F. Matz	45,504				

Send Correspondence to:

**Kent E. Baldauf, Sr. 700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818**

Direct Telephone calls to: (name and telephone number) **Kent E. Baldauf, Sr. 412-471-8815**

Full name of sole or first inventor		TAKAHATA, Takayuki	
Inventor's signature	<i>Takayuki Takahata</i>	Date	July 16, 2004
Residence		Ageo-shi, Saitama, Japan	
Citizenship		Japan	
Post Office Address		c/o MITSUI MINING & SMELTING CO., LTD., CORPORATE R&D CENTER, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021, Japan	
Full name of second joint inventor, if any			
		KAWANISHI, Toshiaki	
Inventor's signature	<i>Toshiaki Kawanishi</i>	Date	July 16, 2004
Residence		Ageo-shi, Saitama, Japan	
Citizenship		Japan	
Post Office Address		c/o MITSUI MINING & SMELTING CO., LTD., CORPORATE R&D CENTER, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021, Japan	
(Supply similar information and signature for third and subsequent joint inventors.)			
Full name of third joint inventor, if any			
		YAMAGISHI, Kiyoshi	
Inventor's signature	<i>Kiyoshi Yamagishi</i>	Date	July 16, 2004
Residence		Ageo-shi, Saitama, Japan	

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Citizenship	Japan
Post Office Address	c/o MITSUI MINING & SMELTING CO., LTD., CORPORATE R&D CENTER, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021, Japan
Full name of fourth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of fifth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of sixth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
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